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7/9/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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5668533
Basic Patent (No, Kind, Date): DK 8404872 A0 19841011
PATENT FAMILY:
AUSTRALIA (AU)
  Patent (No, Kind, Date): AU 8434054 A1 19850418
    THERMAL ENERGY STORAGE MATERIAL (English)
    Patent Assignee: DOW CHEMICAL CO
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
    Priority (No, Kind, Date): US 540726 A
                                           19831011
                                           19841009
    Applic (No, Kind, Date): AU 8434054 A
    IPC: * C09K-005/06
    Language of Document: English
  Patent (No, Kind, Date): AU 551906 B2 19860515
    THERMAL ENERGY STORAGE MATERIAL (English)
    Patent Assignee: DOW CHEMICAL CO
    Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
    Priority (No, Kind, Date): US 540726 A 19831011
    Applic (No, Kind, Date): AU 8434054 A 19841009
    IPC: * C09K-005/06
    Language of Document: English
CANADA (CA)
  Patent (No, Kind, Date): CA 1242577 A1 19881004
    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY (English
      ; French)
    Patent Assignee: DOW CHEMICAL CO
    Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
    Priority (No, Kind, Date): US 540726 A 19831011
    Applic (No, Kind, Date): CA 464256 A 19840928
    National Class: * 31-34
    IPC: * C09K-005/06
    Language of Document: English
GERMANY (DE)
  Patent (No, Kind, Date): DE 3465204 CO 19870910
    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY (English
      ; French; German)
    Patent Assignee: DOW CHEMICAL CO (US)
    Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
    Priority (No, Kind, Date): US 540726 A
                                             19831011
                                             19841010
    Applic (No, Kind, Date): EP 84112148 A
    IPC: * C09K-005/06
    CA Abstract No: * 103(24)198628X
     Derwent WPI Acc No: * C 85-123876
    Language of Document: English; French; German
GERMANY (DE)
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 DENMARK (DK)
   Patent (No, Kind, Date): DK 8404872 A
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     REVERSIBLE FASEAENDRINGSMATERIALER TIL LAGRING AF TERMISK ENERGI
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(Danish)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
   Priority (No, Kind, Date): US 540726 A
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   Applic (No, Kind, Date): DK 844872 A
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   IPC: *
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   Language of Document: Danish
 Patent (No, Kind, Date): DK 8404872 A0 19841011
   REVERSIBLE FASEAENDRINGSMATERIALER TIL LAGRING AF TERMISK ENERGI
     (Danish)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
   Priority (No, Kind, Date): US 540726 A
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   Applic (No, Kind, Date): DK 844872 A
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 Patent (No, Kind, Date): DK 164112 B
   REVERSIBLE FASEAENDRINGSMATERIALER TIL LAGRING AF TERMISK ENERGI
     (Danish)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
   Priority (No, Kind, Date): US 540726 A
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   CA Abstract No: * 103(24)198628X
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   REVERSIBLE FASEAENDRINGSMATERIALER TIL LAGRING AF TERMISK ENERGI
      (Danish)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
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   Priority (No, Kind, Date): US 540726 A
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   Language of Document: Danish
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PUBLIC EXAMINATION)
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  Patent (No, Kind, Date): EP 142028 Al 19850522
    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY
      (English)
    Patent Assignee: DOW CHEMICAL CO (US)
    Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
    Priority (No, Kind, Date): US 540726 A
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  Patent (No, Kind, Date): EP 142028 B1
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    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY
      (English)
    Patent Assignee: DOW CHEMICAL CO (US)
    Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
    Priority (No, Kind, Date): US 540726 A
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                               ING. A. GIAMBROCONO & C. S.R.L.
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NO OPPOSITION FILED (KEIN

EP 142028

19880727 EP 26N

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 Patent (No, Kind, Date): ES 536659 A1 19880316
   UN METODO DE ALMACENAR ENERGIA (Spanish)
   Patent Assignee: DOW CHEMICAL CO (US)
   Priority (No, Kind, Date): US 540726 A
   Applic (No, Kind, Date): ES 536659 A 19841010
    Filing Details: (Date of Coming into Force) 19880208
   IPC: * C09K-005/06
   CA Abstract No: * 103(24)198628X
    Derwent WPI Acc No: * C 85-123876
    Language of Document: Spanish
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    UN METODO DE ALMACENAR ENERGIA (Spanish)
    Patent Assignee: DOW CHEMICAL CO (US)
    Priority (No, Kind, Date): US 540726 A
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    Applic (No, Kind, Date): ES 536659 A 19841010
    Filing Details: (Date of Coming into Force) 19880208
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  Patent (No, Kind, Date): ES 536659 A5 19880415
    UN METODO DE ALMACENAR ENERGIA (Spanish)
    Patent Assignee: DOW CHEMICAL CO (US)
    Priority (No, Kind, Date): US 540726 A
                                             19831011
    Applic (No, Kind, Date): ES 536659 A 19841010
    Filing Details: (Date of Coming into Force) 19880208 (Date of
      Previous Publication) 19880316
    IPC: * C09K-005/06
    CA Abstract No: * 103(24)198628X
    Derwent WPI Acc No: * C 85-123876
    Language of Document: Spanish
SPAIN (ES)
  Legal Status (No, Type, Date, Code, Text):
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ISRAEL (IL)
  Patent (No, Kind, Date): IL 73138 A0 19850131
    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY
       (English)
    Patent Assignee: DOW CHEMICAL CO
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Page 5 of 7

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Priority (No, Kind, Date): US 540726 A 19831011
   Applic (No, Kind, Date): IL 73138 A 19841002
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 Patent (No, Kind, Date): IL 73138 Al 19880630
   REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY
      (English)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): GEORGE A LANE; ARTHUR S TEOT; HAROLD E ROSSOW
   Priority (No, Kind, Date): US 540726 A
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   Applic (No, Kind, Date): IL 73138 A
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   CA Abstract No: * 103(24)198628X
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ISRAEL (IL)
 Legal Status (No, Type, Date, Code, Text):
              P 19991028 IL RH
                                           PATENTS VOID
    IL 73138
INDIA (IN)
 Patent (No, Kind, Date): IN 161738 A 19880130
   A THERMAL ENERGY STORAGE MATERIAL (English)
   Patent Assignee: DOW CHEMICAL CO
   Author (Inventor): GEORGE A LANE; ARTHUR S TEOT; HAROLD E ROSSOW
   Priority (No, Kind, Date): US 540726 A 19831011
   Applic (No, Kind, Date): IN 84MA756 A 19841008
   IPC: * C01F-001/00
   CA Abstract No: * 103(24)198628X
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    Language of Document: English
JAPAN (JP)
  Patent (No, Kind, Date): JP 60101167 A2 19850605
    REVERSIBLE PHASE TRANSFER COMPOSITION FOR HEAT ENERGY STORAGE (English)
    Patent Assignee: DOW CHEMICAL CO
    Author (Inventor): JIYOOJI EI RAN; AASAA ESU TEOTSUTO; HARORUDO II
      ROTSUSOU
    Priority (No, Kind, Date): US 540726 A
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    IPC: * C09K-005/00
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  Patent (No, Kind, Date): JP 89034550 B4 19890719
    Patent Assignee: DOW CHEMICAL CO
    Author (Inventor): JOOJI EI RAN; AASAA ESU TEOTSUTO; HARORUDO II
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    Priority (No, Kind, Date): US 540726 A
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    IPC: * C09K-005/00; F24C-015/34
    Language of Document: Japanese
KOREA, REPUBLIC (KR)
  Patent (No, Kind, Date): KR 8601895 B1 19861024
    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY
      (English)
    Patent Assignee: DOW CHEMICAL CO (US)
    Author (Inventor): LANE GEORGE A (US); TEOT ARTHUR S (US); ROSSOW
      HAROLD E (US)
    Priority (No, Kind, Date): US 540726 A
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    Applic (No, Kind, Date): KR 846299 A
                                         19841011
    IPC: * C09K-005/06
    Language of Document: Korean
NORWAY (NO)
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Patent (No, Kind, Date): NO 8404057 A 19850412
   REVERSIBEL FASEFORANDRINGSBLANDING FOR LAGRING AV TERMISK ENERGI
      (Norwegian)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
   Priority (No, Kind, Date): US 540726 A
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   Applic (No, Kind, Date): NO 844057 A 19841010
   IPC: * C09K
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 Patent (No, Kind, Date): NO 160789 B
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   LAGRINGSMATERIALE FOR TERMISK ENERGI. (Norwegian)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
   Priority (No, Kind, Date): US 540726 A
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   IPC: * C09K-005/06
   CA Abstract No: * 103(24)198628X
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                                        19890531
   LAGRINGSMATERIALE FOR TERMISK ENERGI. (Norwegian)
   Patent Assignee: DOW CHEMICAL CO (US)
   Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E
   Priority (No, Kind, Date): US 540726 A
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   IPC: * C09K-005/06
   CA Abstract No: * 103(24)198628X
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   Language of Document: Norwegian
NEW ZEALAND (NZ)
                                       19870430
 Patent (No, Kind, Date): NZ 209739 A
   REVERSIBLE PHASE CHANGE THERMAL ENERGY STORAGE COMPOSITIONS CONTAINING
     HYDRATED INORGANIC SALTS AND A CATIONIC SURFACTANT THICKENING AGENT
      (English)
   Patent Assignee: DOW CHEMICAL CO
   Author (Inventor): LANE G A; TEOT A S; ROSSOW H E
   Priority (No, Kind, Date): US 540726 A 19831011
   Applic (No, Kind, Date): NZ 209739 A 19841002
    IPC: * C09K-005/00
   Language of Document: English
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 4585572 A
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    REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY
      (English)
    Patent Assignee: DOW CHEMICAL CO (US)
    Author (Inventor): LANE GEORGE A (US); ROSSOW HAROLD E (US); TEOT
      ARTHUR S (US)
    Priority (No, Kind, Date): US 540726 A
    Applic (No, Kind, Date): US 540726 A 19831011
    National Class: * US 252070000; US 252315100; US 252315200; US
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    IPC: * C09K-003/18
    Language of Document: English
UNITED STATES OF AMERICA (US)
  Legal Status (No, Type, Date, Code, Text):
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                       19860210 US AS02
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DOW CHEMICAL COMPANY THE, ; LANE, GEORGE A.: 19831010; ROSSOW, HAROLD E.: 19831010; TEOT,

ARTHUR S. : 19831010

US 4585572

9 19860429 US A

PATENT

SOUTH AFRICA (ZA)

Patent (No, Kind, Date): ZA 8407844 A 19860528

REVERSIBLE PHASE CHANGE COMPOSITION FOR STORING THERMAL ENERGY

(English)

Patent Assignee: DOW CHEMICAL CO

Author (Inventor): LANE GEORGE A; TEOT ARTHUR S; ROSSOW HAROLD E

Priority (No, Kind, Date): US 540726 A 19831011 Applic (No, Kind, Date): ZA 847844 A 19841005

IPC: \* C09K

CA Abstract No: \* 103(24)198628X

Derwent WPI Acc No: \* C 85-123876

Language of Document: English

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